

Patent Claims

- 1) Method for producing a foam element (1), especially a foam padding part of an aircraft or vehicle seat, in which a layer of a material which during the foaming process is forming a barrier layer between the foam material and the relevant wall part is embedded therein, characterized in that a fleece (7) with ferromagnetic coating (9) is used as the layer forming the barrier layer and that the fleece (7) is held detachably in position by means of a device on the wall part producing a magnetic field, cooperating with the ferromagnetic coating (9).
- 2) Method as in Claim 1, characterized in that a fleece (7) is used on polyester base of 20 to 60 g/m².
- 3) Method as in Claim 2, characterized in that a PET-fleece (7) is used with a ferromagnetic coating (9) of 60 to 100 g/m².
- 4) Method as in ~~Claim 2 or 3~~ ^{claim 2}, characterized in that a composition is used forming the ferromagnetic coating (9) which includes 80 parts polyurethane and 20 parts ferrite powder and is processed with a solvent into an easily spreadable material.
- 5) Method as in Claim 4, characterized in that polyurethane (SU-4715, Firma Stahl) and iron particles the size of 10 microns are used, and that Butamon is used as solvent for the processing into easily spreadable material.
- 6) Method as in ~~one of the Claims 1 to 5~~ ^{claim 5}, characterized in that a layer is formed made up of the easily spreadable material by application by means of blade or nozzle, on a strip of a carrier (17) being moved relative to the applicator (13).
- 7) Method as in Claim 6, characterized in that the fleece (1) to be coated is used in turn as carrier, on which the easily spreadable material is applied directly.
- 8) Method as in Claim 6, characterized in that a strip of the silicon-coated carrier (17) is moved relative to the applicator (13) and is provided with the coating (9), and that the coated carrier (17) together with a strip of the fleece (11) is guided

through a laminating arrangement (21) and the coating (9) is laminated from carrier (17) therein onto the fleece (11).

- 9) Method as in ^{claim 7} ~~Claim 7 or 8~~, characterized in that the strip of the coated fleece (7) is carried through a dryer (15).
- 10) Method as in ^{claim 9} ~~Claims 8 and 9~~, characterized in that the strips of the carrier (17) and the fleece (7) having the ferromagnetic coating (9) are separated from one another following passage through the dryer (15).
- 11) Foam element (1) is produced according to the method as in ^{claim 1} ~~one of the Claims 1~~ to 10, which foam element has a layer of a fleece (7) with ferromagnetic coating (9) on at least one section of its surface.

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